XXII. *Journal of the Weather at* Montreal. *By Mr.* Barr. *Communicated by* Richard Saunders, *M. D. F. R. S.*

TO SIR JOHN PRINGLE, BART. P. R. S.

Brighton,
4th Sept. 1777.

SIR,

Read Feb. 26, 1778. SOME days ago I received the incloſed Journal of the weather, kept by Mr. BARR, for a few of the winter months, at Montreal, with a deſire to put it into your hands. I underſtand that the winter was thought particularly mild. The thermometer was FAHRENHEIT's graduated 50 degrees below 0. I obſerve that the wind never blew from the north; nor do I know that it ever blew from that quarter while I was in America.

I have the honour to be, &c.

R. SAUNDERS.

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FOR DECEMBER, 1776.

Days of the Month.	Thermometer. Morning	Evening	Snow	Wind	Remarks.
	°	°	Inches		
14	+10	− 4		NE	Clear.
15	+ 2	+30	3	NW	Cloudy, the firſt fall of ſnow at night
16	+16	+ 2		NW	Clear.
17	− 4	+22		NW	Clear.
18	+20	+ 8		NW	Clear, the wind high.
19	− 2	at 0		NW	Calm, a fine calm morning.
20	+ 2	+20	a little	NE	Cloudy.
21	+24	+26	ditto	NE	Cloudy.
22	+24	+14	ditto	NW	Clear.
23	+15	+12		NW	Clear.
24	+ 4	+ 6		NW	Clear.
25	at 0	+ 8		NW	Clear, and a little wind. It is worth obſerving, that the wind is never high when the thermometer is low
26	+ 8	+20	ſome	NE	Cloudy.
27	+16	+10	ditto	NE	Cloudy.
28	+11	+16		NE	Cloudy.
29	+16	+18		E	Cloudy.
30	+16	+20	a little	NE	Cloudy.
31	+22	+30		S	Cloudy, ſome rain in the night.

FOR

FOR JANUARY, 1777.

Days of the Month.	Thermometer. Morning	Evening	Snow	Wind	Remarks.
	°	°	Inches		
1	+32¼	+30		S	Cloudy, ſome rain.
2	+20	+ 4		NW	Clear, the wind high.
3	— 2	+16		NW	Clear, little wind.
4	+14	+18	a little	E	Cloudy.
5	+ 8	+ 8	ſome	NE	Clear.
6	+ 2	+ 2		NE	Clear.
7	at 0	+ 8	ſome	NE	Cloudy.
8	at 0	+ 6		NW	Clear.
9	+ 6	+10		NE	Cloudy.
10	+16	+12		NW	Cloudy, little wind.
11	+ 6	+16		NW	Clear.
12	+14	+18		NW	Clear.
13	+14	+12		NW	Cloudy.
14	+ 2	+10	4	NW	Clear, little or no wind.
15	+10	+12	a little	NE	Cloudy.
16	+10	+ 8		NE	Clear.
17	— 2	at 0		NE	Cloudy.
18	— 6	+ 6		NW	Cloudy.
19	+10	+24	4	NW	Cloudy, a little ſnow.
20	+30	+30		SW	Clear.
21	+20	+11		W	Clear.
22	+ 6	+ 2		NE	Clear.
23	+ 2	+20		NE	Clear, very little wind.
24	+30	+40	1	SE	Clear, in the morning ſnow, and rain in the evening.
25	+40	+31		SE	Cloudy, ſome rain.
26	+28	+30		SE	Cloudy.
27	+21	+24		NE	Clear.
28	+16	+18		NE	Clear.
29	+10	+20		NE	Clear.
30	+18	+22		NE	Clear.
31	+10	+16		W	Clear.

FOR FEBRUARY, 1777.

Days of the Month.	Thermometer. Morning	Evening	Snow	Wind	Remarks.
	°	°	Inches		
1	+16	+ 2		NE	Clear, this night a little ſnow.
2	+32	+22		NE	Cloudy.
3	+12	+10		NE	Cloudy.
4	+ 2	+28	1½	W	Clear, ſnow in the night.
5	+32	+ 8		SW	Cloudy, ſome rain, wind high.
6	− 6	+ 6		NW	Clear.
7	+ 8	+20		NW	Clear.
8	+20	+22	2	SW	Cloudy.
9	+26	+28		NE	Cloudy.
10	+22	+30		SW	Clear.
11	+26	+24	½	NE	Cloudy.
12	+ 6	+ 4		NW	Clear.
13	at 0	+12			Clear, little or no wind.
14	− 2	+20		NE	Clear.
15	+ 6	+12		NE	Clear.
16	+ 6	+20		NE	Clear, a large circle round the moon this evening.
17	+10	+22		NW	Clear.
18	+12	+ 8		NE	Cloudy.
19	at 0	+ 8		NE	Clear, little wind.
20	+ 2	+12		NE	Cloudy, a little ſnow in the night.
21	+12	+30	4	NE	Cloudy.
22	+28	+32		NE	Cloudy.
23	+28	+30		SE	Cloudy.
24	+26	+28		NE	Cloudy.
25	+22	+24		E	Clear.
26	+22	+32		NW	Clear.
27	+22	+12	ſome	NW	Cloudy, very little wind, and weſterly in the evening.
28	+ 4	+ 8	2	NW	Clear.

FOR

FOR MARCH, 1777.

Days of the Month.	Thermometer. Morning	Evening	Snow	Wind	Remarks.
	°	°	Inches		
1	− 4	+ 8		NW	Clear.
2	+ 2	+16		NE	Clear.
3	+ 8	+30		W	Clear.
4	+30	+10		W	Cloudy.
5	+ 6	+14		NW	Clear.
6	+12	+30		NW	Clear.
7	+28	+31		SW	Clear.
8	+26	+36		NW	Clear.
9	+32	+36		SW	Cloudy, with rain.
10	+36	+34		NW	Cloudy, with rain.
11	+28	+36		NW	Clear.
12	+36	+36		SW	Cloudy, with rain.
13	+28	+44		NW	Clear.
14	+32	+42		NW	Clear.
15	+38	+40		NE	Cloudy.
16	+38	+36		E	Cloudy, with thunder and rain.
17	+32	+32		NW	Clear.
18	+27	+32		NW	Clear.
19	+24	+32		NE	Clear.
20	+29	+36		E	Clear, wind high, and heavy rain, ice on the river begins to break up.
21	+33	+32	ſome	S	Cloudy.
22	+30	+27		W	Cloudy.
23	+34	+31	ſome	SW	Cloudy.
24	+32	+30		W	Cloudy.
25	+28	+24		NW	Cloudy.
26	+20	+21		NW	Cloudy.
27	+12	+14		NW	Clear.
28	+12	+18		NW	Clear.
29	+18	+24		W	Cloudy.
30	+28	+34	ſome	NW	Clear, ſome ſnow, with rain at night.
31	+30	+34		E	Cloudy.